

Application No.: 09/687,734
Attorney Docket No.: 2000U026.US
Reply to Office Action of January 13, 2006

In the Claims

1. (Currently Amended) A method for preparing a supported catalyst composition, ~~consisting essentially of the~~ the method comprising the steps of:
 - (a) forming a supported activator wherein the supported activator is in a mineral oil; and
 - (b) contacting the supported activator with ~~a combination consisting of~~ a ligand and a metal compound; wherein the ligand and the metal compound are contacted with the supported activator as separate components to form the supported catalyst composition.
2. (Previously Presented) The method of claim 1 wherein the ligand and the metal compound are combined in a liquid prior to contacting with the supported activator.
3. (Original) The method of claim 1 wherein the supported activator comprises a support material and an activator.
4. (Original) The method of claim 3 wherein the activator is an alumoxane.
5. (Cancelled)
6. (Original) The method of claim 2 wherein the liquid is an aliphatic hydrocarbon.
7. (Original) The method of claim 1 wherein the metal compound is represented by the formula:



wherein M is a Group 3 to 12 metal from the Periodic Table of Elements and L is selected from the group consisting of hydrogen, halogen, hydrocarbyl, alkoxide, aryoxide, carboxylate, carbodionate, amide, carbamate and phosphide; and "x" is an integer depending on the valence state of metal.

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8. (Original) The method of claim 1 wherein the supported activator is the reaction product of a support material comprising surface hydroxyl groups and an organoaluminum compound.
9. (Original) The method of claim 1 wherein the metal compound is a Group 4 metal compound.
10. (Currently Amended) A process for polymerizing olefin(s) in the presence of a supported catalyst system, the supported catalyst system produced by contacting a supported activator in a mineral oil, ~~and a combination consisting of~~ with a ligand and a metal compound; wherein the ligand and the metal compound are contacted with the supported activator as separate components.
11. (Previously Presented) The process of claims 10 or 21, wherein the process is a gas phase process.
12. (Previously Presented) The process of claims 10 or 21, wherein the supported activator comprises a support material and an activator.
13. (Previously Presented) The process of claims 10 or 21, wherein the metal compound is represented by the formula:
$$ML_x$$
wherein M is a Group 3 to 12 metal from the Periodic Table of Elements and L is selected from the group consisting of hydrogen, halogen, hydrocarbyl, alkoxide, aryoxide, carboxylate, carbodionate, amide, carbamate and phosphide; and "x" is an integer depending on the valence state of metal.
14. (Previously Presented) The process of claims 10 or 21, wherein the supported catalyst system is in a slurry state.

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15. (Currently Amended) An activated olefin polymerization supported catalyst system comprising a supported activator, ~~wherein the supported activator is in a mineral oil and a combination consisting of a~~ contacted with a ligand and a metal compound; wherein the ligand and the metal compound are contacted with the supported activator as separate components.
16. (Original) The supported catalyst system of claim 15 wherein the supported activator comprises a support material and an activator.
17. (Previously Presented) The supported catalyst system of claim 15 wherein the weight percent of the supported activator to the ligand and metal compound is in the range of from 99.6 to 80.
18. (Original) The supported catalyst system of claim 15, wherein the supported activator is a supported alumoxane.
19. (Previously Presented) The supported catalyst system of claim 15, wherein the activated supported polymerization catalyst system is in a liquid.
20. (Cancelled)
21. (Currently Amended) The process of claim 10, wherein the process comprises contacting said combination ~~consists essentially of two or more ligands and a metal compound,~~ wherein said two or more ligands may be the same or different.
22. (New) The method of claim 1, wherein the method comprises two or more ligands, wherein said two or more ligands may be the same or different.
23. (New) The activated olefin polymerization supported catalyst system of claim 15, wherein the activated olefin polymerization supported catalyst system comprises two or more ligands, wherein said two or more ligands may be the same or different.